

Particle Physics Day 2023

Report of Contributions

Contribution ID: 3

Type: **not specified**

Parton distributions at approximate NNNLO accuracy

Thursday 12 October 2023 13:30 (25 minutes)

25' + 5'

Presenter: HEKHORN, Felix

Session Classification: Afternoon session

Contribution ID: **12**

Type: **not specified**

CMS+TOTEM/PPS experimental overview

Thursday 12 October 2023 11:00 (25 minutes)

25'+5'

Presenter: VOUTILAINEN, Mikko (Helsinki Institute of Physics (FI))

Session Classification: Morning session

Contribution ID: **13**

Type: **not specified**

CMS/TOTEM upgrades

Thursday 12 October 2023 11:30 (15 minutes)

15'+5'

Presenter: HILDEN, Timo Eero (Helsinki Institute of Physics (FI))

Session Classification: Morning session

Contribution ID: 14

Type: **not specified**

Why do we need independent observables to improve our understanding of the QCD matter properties

Thursday 12 October 2023 12:10 (15 minutes)

15'+5'

Presenters: VIRT, Maxim Mikael Olavi; VIRT, Maxim (University of Jyväskylä)

Session Classification: Morning session

Contribution ID: 15

Type: **not specified**

Monte-Carlo EKRT event generator for initializing 3+1 dimensional hydrodynamics

Thursday 12 October 2023 14:00 (12 minutes)

12' + 3'

Presenter: KUHA, Mikko

Session Classification: Afternoon session

Contribution ID: 16

Type: **not specified**

Inferring the Initial Condition for the Balitsky-Kovchegov Evolution Equation

Thursday 12 October 2023 14:15 (12 minutes)

12' + 3'

Presenter: CASUGA, Carlisle Aurabelle (University of Jyväskylä)

Session Classification: Afternoon session

Contribution ID: 17

Type: **not specified**

ALICE News

Thursday 12 October 2023 14:30 (25 minutes)

25' + 5'

Presenter: KIM, Dong Jo (University of Jyvaskyla (FI))

Session Classification: Afternoon session

Contribution ID: **18**

Type: **not specified**

Top mass measurements - current status

Thursday 12 October 2023 11:50 (15 minutes)

15'+5'

Presenter: MYLLYMAKI, Mikael (Helsinki Institute of Physics (FI))

Session Classification: Morning session

Contribution ID: 19

Type: **not specified**

Quantum transport theory for neutrinos with flavor and particle-antiparticle mixing

Thursday 12 October 2023 15:30 (12 minutes)

12' + 3'

Presenter: PARKKINEN, Harri (University of Jyväskylä)

Session Classification: Evening session

Contribution ID: 21

Type: **not specified**

Tri-Resonant Leptogenesis

Thursday 12 October 2023 15:45 (12 minutes)

12' + 3'

Presenters: KARAMITROS, Dimitrios; KARAMITROS, Dimitrios (University of Ioannina)

Session Classification: Evening session

Contribution ID: 22

Type: **not specified**

Recent advancements in perturbative QCD at high densities

Thursday 12 October 2023 16:00 (12 minutes)

12' + 3'

Presenter: SEPPÄNEN, Kaapo

Session Classification: Evening session

Contribution ID: 23

Type: **not specified**

NaI Quenching factor measurement

Thursday 12 October 2023 16:15 (12 minutes)

12' + 3'

Presenter: STENDAHL, Alex

Session Classification: Evening session

Contribution ID: 24

Type: **not specified**

Tackling the four-loop QCD pressure at high temperature

Thursday 12 October 2023 16:30 (12 minutes)

12' + 3'

Presenter: Mr NAVARRETE NORIEGA, Pablo (University of Helsinki)

Session Classification: Evening session